

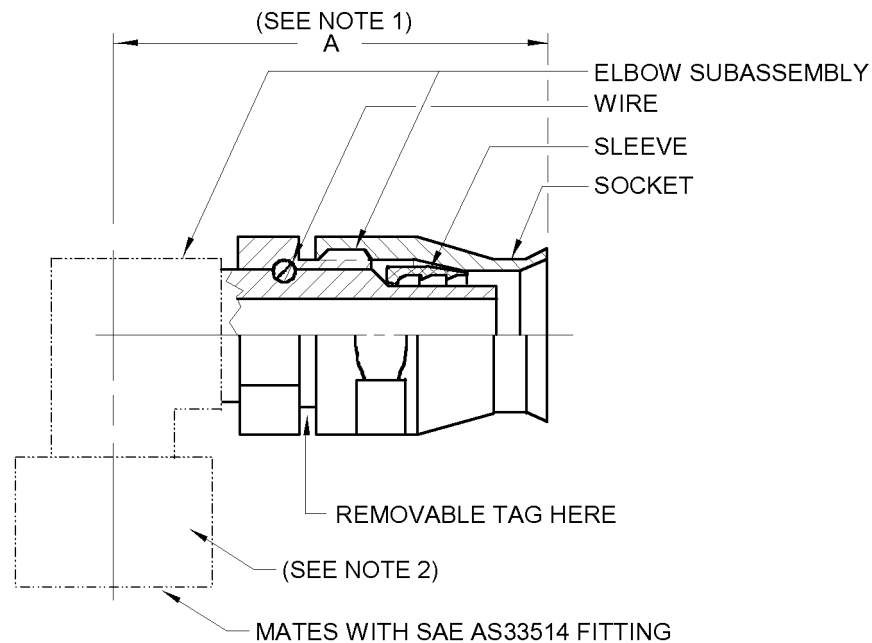
MS27385B  
24 September 2003  
SUPERSEDING  
MS27385A  
30 June 1972

## DETAIL SPECIFICATION SHEET

ADAPTER ASSEMBLY, FLARELESS, 90° FORGED ELBOW,  
TUBE TO HOSE - WITH SWIVEL NUT

This specification is approved for use by all Departments  
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein  
shall consist of this specification and MIL-DTL-27272.



## NOTES:

1. Dimension A is measured between the hose end of the socket and the centerline of the insert when the socket is assembled on the elbow subassembly.
2. If required, lockwire holes to be drilled in accordance with SAE AS1043 and suffix L added to the Part of Identifying Number (PIN) (e.g., MS27385-8CL).

FIGURE 1. Adapter assembly illustration.

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### REQUIREMENTS

Intended use. This part is intended for use with MIL-DTL-27267 hose.

Dimensions. Dimensions are in inches.

Material. PIN suffix C, corrosion-resistant steel.

No PIN suffix. Combination of aluminum alloy and corrosion-resistant steel.

See applicable specification sheet and MIL-DTL-25579 for materials of other components identified in table I for their material requirements.

Identification of product. The PIN and the manufacturer's PIN and Commercial and Government Entity (CAGE) Code shall be marked on a removable tag securely attached to the adapter. The PIN for this assembly shall be as specified in table I (e.g., MS27385-8C).

Order of precedence. This specification takes precedence over the documents referenced herein. Unless otherwise specified, referenced documents shall be of the issue in effect on the date of solicitation.

Flareless fitting, hose connector design. Use MIL-DTL-25579/1 for application of NAS 1760.

Adapter assembly illustration. See figure 1.

TABLE I. Adapter assembly composition.

PIN <u>1/</u>	Elbow subassembly PIN	Sleeve PIN	Socket PIN	A <u>2/</u> max
MS27385	MS27390	MS27070	MS27069	1.54
-3/-4C <u>3/</u>	-3/-4C	-4C	-4C	
-4C	-4C			
-5C	-5C	-5C	-5C	1.63
-6C	-6C	-6C	-6C	1.71
-8C	-8C	-8C	-8C	2.09
-8	-8			

1/ If required, lockwire holes to be drilled in accordance with SAE AS1043 and suffix L added to the PIN (e.g., MS27385-8CL).

2/ Dimension A is measured between the hose end of the socket and the centerline of the insert when the socket is assembled on the elbow subassembly.

3/ Swivel nut and sealing surface of this elbow subassembly shall mate with SAE AS33514-3 fitting. The remaining portion of the subassembly shall mate with M27267-4 hose.

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Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue, due to the extent of the changes and complex reformatting.

## CONCLUDING MATERIAL

### Custodians:

Army - AV  
Navy - AS  
Air Force - 99  
DLA - CC

### Preparing activity:

DLA - CC

(Project 4730-0868-025)

### Review activities:

Army - AR, AT, MI  
Navy - MC, SA, SH  
Air Force - 71